

## AGER Recombinant antibody

**Cat:** B36246S

**Company:** HaoKebio

**Uniprot ID:** Q63495

**Applications:** IHC:1:500-1:2000

**Organism:** Rabbit

IHC-Polymer:1:2000-1:8000

**Species reactivity:** Mouse Rat

IHC-TSA:1:2500-1:10000

**Molecular Weight Calculation:** 43 kDa

IF:1:50-1:100

**Observed Molecular Weight:** 43 kDa

WB:1:5000-1:50000

### Background:

Advanced glycosylation end product-specific receptor (AGER, also known as RAGE) is a member of the immunoglobulin superfamily of cell surface receptors, which interacts with distinct families of ligands, mediating diverse functions in a broad array of cell types including cellular migration, proliferation, survival and apoptosis. It senses endogenous stress signals with a broad ligand repertoire including advanced glycation end products, S100 proteins, high-mobility group box 1 protein/HMGB1, amyloid beta/APP oligomers, nucleic acids, phospholipids and glycosaminoglycans. It interacts with distinct molecules implicated in homeostasis, development, inflammation, and certain diseases such as diabetes and Alzheimer's disease.

### Synonyms:

AGER, RAGE, 240706C3, Advanced glycosylation end product-specific receptor

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Membrane, Cytoplasm

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

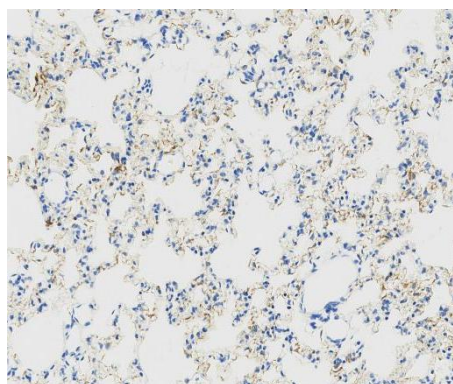
### Storage:

Store at -20 °C for one year.

### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse lung, 4% PFA 12-24h

### Source of Reagents:

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